

WHAT IS CLAIMED IS:

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1. ~~An image display apparatus comprising:~~
an A/D converter to convert an input analog image
signal into digital image data;
a black level setting mechanism to set a black level of
the digital image data by adjusting a lower-limit reference
voltage of the A/D converter;
a blank data generator to generate blank data to
display a blank area around an image display area on a
screen;
an image data combiner to combine blank data generated
by the blank data generation mechanism and digital image
data output from said A/D converter; and
a display to display an output of the image data
combiner on said screen.
 2. ~~An image display apparatus according to claim 1,~~
said black level setting mechanism comprising a variable
resistor.
 3. ~~An image display apparatus according to claim 1,~~
said black level setting mechanism comprising an illuminance
sensor to detect the illuminance around a video camera that
outputs said analog image signal.

4. An image display apparatus according to claim 3, wherein said black level setting mechanism outputs a lower-limit reference voltage corresponding to illuminance detected by said illuminance sensor.

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5. ~~A method of displaying an image comprising:~~
adjusting a black level of digital image data such that a black level of an image display area is different from a black level external to the image display area; and
displaying an image from the digital image data in the image display area.

6. The method of displaying an image according to claim 5, further comprising:

converting an input analog image signal into digital image data;

adjusting a lower-limit reference voltage of the converting thereby adjusting the black level of the digital image data;

generating blank data to display a blank area around an image display area on a screen;

combining the blank data generated and digital image data output; and

~~displaying the combination of the blank data generated~~

~~and digital image data output on the screen.~~

7. ~~The method of displaying an image according to~~
claim 6, the adjusting the black level comprising adjusting
a variable resistor.

8. The method of displaying an image according to claim 6, the adjusting the black level comprising detecting the illuminance around a video camera that outputs the analog image signal.

9. The method of displaying an image according to claim 9, further comprising outputting a lower-limit reference voltage corresponding to the detected illuminance.

10. ~~A method of displaying an image comprising:~~
converting an input analog image signal into digital
image data;

~~adjusting a lower-limit reference voltage of the
converting thereby setting a black level of the digital
image data;~~

~~generating blank data to display a blank area around an
image display area on a screen;~~

~~combining the blank data generated and digital image
data output: and~~

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12. The method according to claim 10, the setting of the black level comprising detecting the illuminance around the video camera that outputs the analog image signal.

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Introduction